

ABSTRACT OF THE DISCLOSURE

A helmet (12) includes a thermoelectric heat pump (14) mounted onto a rear surface of the helmet shell (12) for delivering temperature conditioned air to the interior of the helmet shell. A multi-layer structure (48) on the helmet shell interior distributes conditioned air across the scalp and directly onto the face. An optional scoop (38) directs ambient air to the heat pump (14). Another version locates the heat pump (68, 84) remotely and conditioned air is transmitted to the helmet apparatus (70, 78) via a flexible conduit (72, 85).